

PLUS

5/12/04

Butler, Douglas

From: PLUS
Sent: Tuesday, April 27, 2004 8:52 AM
To: Butler, Douglas
Subject: PLUS Results for 09737015

Here are the PLUS search results for 09737015.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



09737015_QUAL.txt



09737015_LIST.txt



09737015_WEST.txt



09737015_EAST.txt



09737015.east



09737015_CLS.txt



09737015_CLSTITLES.txt



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09737015_LIST

PLUS Search Results for S/N 09737015, Searched April 27, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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09737015_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 09737015 on April 27, 2004

Original Classifications

4 216/24
3 369/291
2 128/830
2 200/344
2 221/24
2 360/99.04
2 369/30.7

Cross-Reference Classifications

4 216/33
4 369/270
4 369/271
3 101/93.05
3 360/99.05
2 74/89.17
2 128/834
2 216/41
2 216/52
2 221/310
2 257/E21.504
2 257/E23.124
2 343/702
2 360/291.8
2 360/99.04
2 372/46

Combined Classifications

4 216/24
4 216/33
4 360/99.04
4 360/99.05
4 369/270
4 369/271
4 369/291
3 101/93.05
2 74/89.17
2 123/509
2 123/90.17
2 128/830
2 128/834
2 200/344
2 200/5A
2 216/41
2 216/52
2 221/24
2 221/310
2 257/E21.504
2 257/E23.124
2 343/702
2 345/441
2 360/291.8
2 360/77.16
2 369/30.7
2 372/46

09737015_CLS

2 399/111
2 429/100

09737015_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09737015 on April 27, 2004

4 216/24 (4 OR, 0 XR)
Class 216 : ETCHING A SUBSTRATE: PROCESSES
216/24 FORMING OR TREATING OPTICAL ARTICLE

4 216/33 (0 OR, 4 XR)
Class 216 : ETCHING A SUBSTRATE: PROCESSES
216/33 ADHESIVE OR AUTOGENOUS BONDING OF TWO OR MORE
SELF-SUSTAINING PREFORMS WHEREIN AT LEAST TWO OF THE
PREFORMS ARE NOT INTENDED TO BE REMOVED (E.G.,
PREFABRICATED BASE, ETC.)

4 360/99.04 (2 OR, 2 XR)
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL
360/88 RECORD TRANSPORT WITH HEAD STATIONARY DURING
TRANSDUCING
360/97.01 .Disk record
360/99.01 ..Flexible disk
360/99.04 ...Rotational drive detail

4 360/99.05 (1 OR, 3 XR)
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL
360/88 RECORD TRANSPORT WITH HEAD STATIONARY DURING
TRANSDUCING
360/97.01 .Disk record
360/99.01 ..Flexible disk
360/99.05 ...Disk seating

4 369/270 (0 OR, 4 XR)
Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
369/176 DYNAMIC MECHANISM SUBSYSTEM
369/258 .Specific detail of storage medium support or
motion production
369/264 ..Turntable
369/270 ...Disc holding or locating (e.g., spindle
structure)

4 369/271 (0 OR, 4 XR)
Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
369/176 DYNAMIC MECHANISM SUBSYSTEM
369/258 .Specific detail of storage medium support or
motion production
369/264 ..Turntable
369/270 ...Disc holding or locating (e.g., spindle
structure)
369/271With detail of storage medium contact
structure on turntable surface

4 369/291 (3 OR, 1 XR)
Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
369/272 STORAGE MEDIUM STRUCTURE
369/289 .Adjuncts or adapters
369/291 ..Protectors

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- 3 101/93.05 (0 OR, 3 XR)
 Class 101 : PRINTING
 101/45 SELECTIVE OR PROGRESSIVE
 101/93 .Bed and platen machines
 101/93.04 ..Segmented print character printers (e.g.,
 dots, etc.)
 101/93.05 ...Wire
- 2 74/89.17 (0 OR, 2 XR)
 Class 074 : MACHINE ELEMENT OR MECHANISM
 74/840 ROTARY DRIVEN DEVICE ADJUSTABLE DURING
 OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
 74/89 .Reciprocating or oscillating to or from
 alternating rotary
 74/89.16 ..Including spur gear
 74/89.17 ...With rack
- 2 123/509 (1 OR, 1 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)
 123/495 .With fuel pump
 123/509 ..Specific location or mounting of pump
- 2 123/90.17 (1 OR, 1 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/90.1 POPPET VALVE OPERATING MECHANISM
 123/90.15 .With means for varying timing
 123/90.17 ..Camshaft or cam characteristics
- 2 128/830 (2 OR, 0 XR)
 Class 128 : SURGERY
 128/830 FEMALE REPRODUCTORY TRACT SHIELDS, SUPPORTS, OR
 BIRTH CONTROL DEVICES (E.G., PESSARIES, CONTRACEPTIVE
 DEVICES)
- 2 128/834 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/830 FEMALE REPRODUCTORY TRACT SHIELDS, SUPPORTS, OR
 BIRTH CONTROL DEVICES (E.G., PESSARIES, CONTRACEPTIVE
 DEVICES)
 128/834 .Pessaries
- 2 200/344 (2 OR, 0 XR)
 Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS
 200/237 ELECTRIC SWITCH DETAILS
 200/329 .Actuators
 200/341 ..Push button
 200/344 ...Mechanism to keep key level
- 2 200/5A (1 OR, 1 XR)
 Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS
 200/1R MULTIPLE CIRCUIT CONTROL
 200/5R .Multiple switch
 200/5A ..With independent operators
- 2 216/41 (0 OR, 2 XR)
 Class 216 : ETCHING A SUBSTRATE: PROCESSES
 216/41 MASKING OF A SUBSTRATE USING MATERIAL RESISTANT

09737015_CLSTITLES
TO AN ETCHANT (I.E., ETCH RESIST)

- 2 216/52 (0 OR, 2 XR)
Class 216 : ETCHING A SUBSTRATE: PROCESSES
216/52 MECHANICALLY SHAPING, DEFORMING, OR ABRADING OF
SUBSTRATE
- 2 221/24 (2 OR, 0 XR)
Class 221 : ARTICLE DISPENSING
221/24 SIMULATIONS
- 2 221/310 (0 OR, 2 XR)
Class 221 : ARTICLE DISPENSING
221/303 WITH DISPENSING-TYPE OUTLET
221/307 .Resilient
221/310 ..Plural spring biased or resilient fingers
- 2 257/E21.504 (0 OR, 2 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/E21.001 PROCESSES OR APPARATUS ADAPTED FOR MANUFACTURE
OR TREATMENT OF SEMICONDUCTOR OR SOLID-STATE DEVICES
- OR OF
- 257/E21.002 PARTS THEREOF (EPO)
.Manufacture or treatment of semiconductor
device (EPO)
- 257/E21.04 ..Device having at least one potential-jump
barrier or surface barrier, e.g., PN junction, depleti
- on
- 257/E21.499 layer, carrier concentration layer (EPO)
...Assembling semiconductor devices, e.g.,
packaging , including mounting, encapsulating, or treat
- ment
- 257/E21.502 of packaged semiconductor (EPO)
....Encapsulation, e.g., encapsulation layer,
coating (EPO)
- 257/E21.504Moulds (EPO)
- 2 257/E23.124 (0 OR, 2 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/E23.113Ceramic materials or glass (EPO)
257/E23.116 .Encapsulations, e.g., encapsulating layers,
coatings, e.g., for protection (EPO)
257/E23.123 ..Characterized by arrangement or shape (EPO)
257/E23.124 ...Device being completely enclosed (EPO)
- 2 343/702 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/702 .With radio cabinet
- 2 345/441 (1 OR, 1 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
SYSTEMS
345/418 COMPUTER GRAPHICS PROCESSING
345/441 .Shape generating
- 2 360/291.8 (0 OR, 2 XR)

09737015_CLSTITLES

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL

360/240 HEAD MOUNTING

360/290 .For adjusting head position

360/291 ..Tape record

360/291.4 ...Rotary head

360/291.6Adjustable head mount

360/291.8Adjuster coil detail

2 360/77.16 (1 OR, 1 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL

360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM

360/75 .Controlling the head

360/77.01 ..Track centering

360/77.12 ...Elongated web carrier (i.e., tape)

360/77.13Transverse scan path

360/77.16Having head deflection drive (e.g., piezoelectric bimorph)

2 369/30.7 (2 OR, 0 XR)

Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL

369/24.01 INFORMATION LOCATION OR REMOTE OPERATOR ACTUATED CONTROL

369/30.01 .Selective addressing of storage medium (e.g., programmed access)

369/30.03 ..Of optical storage medium

369/30.64 ...Plural optical storage media in disc changer

369/30.65Plural media are discs stored in cartridges

369/30.7Having particular internal transfer mechanism for transferring disc while disc is inside of disc changer

2 372/46 (0 OR, 2 XR)

Class 372 : COHERENT LIGHT GENERATORS

372/39 PARTICULAR ACTIVE MEDIA

372/43 .Semiconductor

372/44 ..Injection

372/46 ...Particular current control structure

2 399/111 (1 OR, 1 XR)

Class 399 : ELECTROPHOTOGRAPHY

399/107 HAVING PARTICULAR STRUCTURE

399/110 .Modular or displaceable

399/111 ..Process cartridge unit

2 429/100 (1 OR, 1 XR)

Class 429 : CHEMISTRY: ELECTRICAL CURRENT PRODUCING APPARATUS, PRODUCT, AND PROCESS

429/96 CELL SUPPORT FOR REMOVABLE CELL

429/100 .Support or holder per se